

Water Treatment Solutions for the Power Industry

Water and fuel are the basic raw materials of the Power Industry, where there is a growing demand for these diminishing resources. Efficient use of feedstocks and preservation of generating assets support a sustainable path for operations.

ChemTreat provides the expertise and technology to facilitate the best use of available resources, maximizing availability and reliability while helping your facility meet its environmental and other compliance goals.





Experienced Team

AVERAGE
YEARS OF
FIELD SALES
EXPERIENCE

15
years

AVERAGE
YEARS OF
TECH STAFF
EXPERIENCE

22
years

AVERAGE
YEARS OF
CORP SALES
EXPERIENCE

26
years

Understand business
drivers, goals, &
objectives

Survey systems & identify
critical equipment

Create a service plan



Implement continuous
improvements

Communicate program
results

Perform best practice
audits



Sustainable Solutions

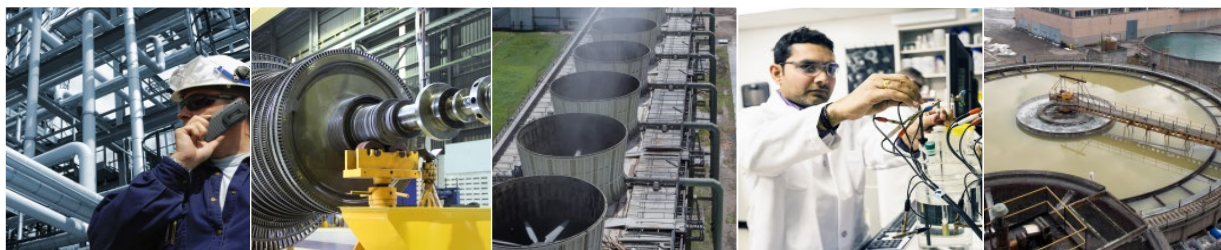
- Eco-friendly cooling water technology options
- Customized solutions to reduce operating costs through energy and water conservation
- Effective water treatment programs to help reduce greenhouse gases



Intelligent Water Management

CTVista®+ is a cloud-based intelligent water management platform designed to help you with:

- Data management and analytics
- Customizable reporting
- Real-time guidance
- Condenser performance efficiency analysis



ChemTreat exceeds customer expectations based on a simple strategy:

provide superior service with a long-term view, use the most current technology, and employ the best people. We leverage this winning formula to take on the most difficult water treatment problems and to succeed where others fail.



BOILER/HRSG WATER SYSTEMS

Specialty chemicals and services relating to all phases of pretreatment, internal treatment, and condensate/feedwater systems:

- Lay-up treatment and procedure development for cycling plants
- Performance studies
- Steam purity studies
- Iron transport profiles
- Corrosion studies
- Laboratory, water, deposit and metallographic analysis
- Chemical feed and control equipment
- Fuel oil treatment
- NO_x injection water analysis and assistance
- FDA, USDA products
- Film-forming products for steam generators

COOLING WATER SYSTEMS

Specialty chemicals and services relating to all phases of treatment for open recirculating, closed, and once-through cooling water systems:

- Scale and corrosion inhibitors
- Dispersants
- Biological treatment chemicals and studies
- Corrosion studies
- Nontoxic products, low and no phosphorus programs
- Chemical feed and control equipment
- Mollusk/Macro-fouling control programs

MEMBRANE SEPARATION (RO/UF/NF)

- Complete line of anti-scalants and biocides
- Process cleaning chemicals and procedure development
- Data normalization
- Predictive analysis
- Membrane projections
- Membrane autopsy

FLUE GAS DESULFURIZATION (FGD), SCRUBBER SYSTEM SOLUTIONS

- Deposit control agents to minimize scaling
- Sorbent optimization
- Settling aids for solids removal
- Heavy metals removal programs
- Antifoam and odor control programs
- Patented sulfur dioxide removal technology for wet limestone scrubber systems

DUST CONTROL & MATERIAL HANDLING TREATMENT SOLUTIONS

- Complete line of wet suppression and foaming agents for coal and fly ash dust control
- Ash water treatment chemicals and technical expertise
- Chemical feed and control equipment
- Ash stabilization chemistry
- Coal flow aids

WASTEWATER & ZLD TREATMENT

- Complete line of coagulant and flocculant polymers for TSS reduction
- Metals removal treatment products and strategies
- Water re-use modeling and support
- ZLD treatment products and support
- Automated chemical feed and control equipment
- Patent pending SeQuester™ selenium removal technology

SUPPORT

- Operator training
- Laboratory studies
- Engineering services and system diagramming
- Chemical cleaners
- Bulk and tote bin deliveries
- Water testing equipment and chemicals
- Trend analysis, data processing, graphical analysis, and cost analysis